

To: Snyder, Erik[snyder.erik@epa.gov]
Cc: Ashley N Roundtree[anullstrom@aep.com]; Feldman, Michael[Feldman.Michael@epa.gov]
From: David J Long
Sent: Wed 2/15/2017 6:40:47 PM
Subject: RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

Erik,

We will be shipping three 5TB Drives and one 2 TB Drive out to you this afternoon via overnight. The 5 TB Drives will still be in shrink wrap. You should get them tomorrow. If it would help once the drives are loaded, Ashley or one of her colleagues in the Dallas Office could pick them up. Our Dallas Office is a couple of blocks from your offices.

I didn't obtain the CALMET files used in the PSO Proceeding. With a couple of exceptions that was handled without much input from the technical staff here, so it was never necessary for me to obtain the CALPUFF/CALMET files. Therefore, we will need the full set of files for the CALPUFF/CALMET work. There is a 2 TB drive included for that purpose.

If you have any questions, please let me know.

Dave

David J. Long, PE

Environmental Engineer - Principal

Air Quality Services Section

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1 Riverside Plaza

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From: Snyder, Erik [mailto:snyder.erik@epa.gov]
Sent: Tuesday, February 14, 2017 3:51 PM
To: David J Long
Cc: Ashley N Roundtree; Feldman, Michael
Subject: [EXTERNAL] RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

This is an EXTERNAL email. STOP. THINK before you CLICK links or OPEN attachments.

H David,

The CAMx files are 12 TB spread out over three disks. If you could provide three 4 TB or larger drives for the CAMx files, that would make for the easiest copying. We will need to format the drives to EXT3/4 for the CAMx files (Linux based files). The CALPUFF files will fit on a 2 TB drive NTFS/FAT32 drive. We used the same CALMET files that were originally developed for refined modeling in Oklahoma that allows for the use of the 98th percentile. If you received the files when we did the BART FIP for AEP/PSO, it would be the same CALMET files. They are approximately 1 TB of the files that would be on a 2 TB drive. Many people just order the drives online and have them directly shipped to us but if you have the drives we can reformat them here or you can format and then send.

There are numerous excel files, etc. that have the emissions used in the modeling and post-processing of the CAMx and CALPUFF modeling results that are available in the docket. If you don't already have these let me know and I can send you a link to the docket.

You can ship the drives to:

EPA Region 6

MC: 6MM-AA Attn. Erik Snyder

1445 Ross Ave.

Suite 1200

Dallas, TX 75202

-Erik

Erik Snyder

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From: David J Long [<mailto:djlong@aep.com>]
Sent: Tuesday, February 14, 2017 2:25 PM
To: Snyder, Erik <snyder.erik@epa.gov>
Cc: Ashley N Roundtree <anullstrom@aep.com>
Subject: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

Mr. Snyder,

It has been a while since we were last in touch. Ashley and I have been asked to look at the TSD for the Texas Regional Haze BART Modeling and after reviewing it, have a number of questions about specifics on how various simulations were done. I feel the easiest way to try and answer the questions is to look at the modeling files themselves. I do have some familiarity with the original CENRAP CALPUFF Files (I have them on a hard disk here in our office), but from the TSD it is not clear if the files were updated with a newer version of CALMET before they were used this time. Also, the techniques used with CAMx to parse out the individual source impacts are not well described. These issues and other questions can probably be answered by looking at the input and output files.

As a result, I would like to request both the CAMx and CALPUFF files supporting the results presented in the TSD. Please let me know how much Hard Drive Space will be needed to obtain

these files and where I should send the Hard Drives to have them loaded with the information. I believe that we have sufficient drives in house that can be freed up for this purpose, so we can have them out to you in a day or so from receipt of your response.

I look forward to working with you to obtain this information.

Thanks,

David J. Long, PE

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